

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

Please cancel claims 2, 7-17, 24, 29, 30, and 32-37 without prejudice.

*The claims presented above incorporate changes as indicated by the marked-up versions below.*

1. (Twice Amended) A method for limiting damage to neuronal cells by ischemic or hypoxic conditions, comprising administering to an individual ~~a therapeutic regimen including administering a~~ *hedgehog* polypeptide and ~~administering a *pte* therapeutic in an~~ amounts effective for reducing cerebral infarct volume by at least 50% relative to the absence of administration of the *pte* therapeutic and the *hedgehog* polypeptide, wherein the *pte* therapeutic is a PKA inhibitor, a cAMP phosphodiesterase agonist, an antagonist of adenylate cyclase, or an antagonist of cAMP.
3. (Twice Amended) A method for the treatment of cerebral infarctions which comprises administering to a patient in need thereof a ~~therapeutic regimen including administering a~~ *hedgehog* polypeptide and ~~administering a *pte* therapeutic in an therapeutically effective~~ amounts, ~~wherein the *pte* therapeutic is a PKA inhibitor, a cAMP phosphodiesterase agonist, an antagonist of adenylate cyclase, or an antagonist of cAMP~~ effective to reduce cerebral infarct volume by at least 50% relative to the absence of administration of the *hedgehog* polypeptide.
4. (Twice Amended) A method for the treatment of cerebral ischemia which comprises administering to a patient in need thereof a ~~therapeutic regimen including administering a~~ *hedgehog* polypeptide and ~~administering a *pte* therapeutic in an therapeutically effective~~

~~amounts, wherein the *pte* therapeutic is a PKA inhibitor, a cAMP phosphodiesterase agonist, an antagonist of adenylate cyclase, or an antagonist of cAMP effective to reduce cerebral infarct volume by at least 50% relative to the absence of administration of the *hedgehog* polypeptide.~~

5. (Twice Amended) A method for the treatment of stroke which comprises administering to a patient in need thereof ~~a therapeutic regimen including administering a *hedgehog* polypeptide and administering a *pte* therapeutic in an~~ therapeutically effective amounts, ~~wherein the *pte* therapeutic is a PKA inhibitor, a cAMP phosphodiesterase agonist, an antagonist of adenylate cyclase, or an antagonist of cAMP effective to reduce cerebral infarct volume by at least 50% relative to the absence of administration of the *hedgehog* polypeptide.~~

6. (Twice Amended) A method for the treatment of transient ischemia attack which comprises administering to a patient in need thereof ~~a therapeutic regimen including administering a *hedgehog* polypeptide and administering a *pte* therapeutic in a~~ therapeutically effective amounts, ~~wherein the *pte* therapeutic is a PKA inhibitor, a cAMP phosphodiesterase agonist, an antagonist of adenylate cyclase, or an antagonist of cAMP effective to reduce cerebral infarct volume by at least 50% relative to the absence of administration of the *hedgehog* polypeptide.~~

18. (Reiterated) The method of claim 5, wherein the stroke is a thrombotic stroke.

19. (Reiterated) The method of claim 5, wherein the stroke is an embolic stroke.

20. (Reiterated) The method of claim 1, wherein the conditions result in cerebral hypoxia.

21. (Reiterated) The method of claim 1, wherein the conditions result in progressive loss of neurons due to oxygen deprivation.

22. (Reiterated) The method of any of claims 3-6, wherein the patient is treated prophylactically.

23. (Reiterated) The method of claim 1, wherein the individual is treated prophylactically.